

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	149	348/231.7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/09 18:29
S4	62	"4887161"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/09 18:30
S5	1	10/537275	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 14:46
S6	2	"20020031262"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 15:03
S7	38	"6408301"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/10 15:04
S8	2	"20060170791"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/13 19:36
S9	118	camera and face recognition and metadata and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 12:07

S10	71	"5812193"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 12:59
S11	14	"5812193" and metadata	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:01
S12	71	S10 and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:03
S13	17	"1004204"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:04
S14	31	"6593956"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:05
S15	2	09/079840	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:06
S16	1	09/834325	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:07
S17	1	11/244711	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 13:34

S18	83	hdv and video and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:06
S19	6	hdv and video and @ay<="2002" and aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:07
S20	0	(hdv near data) and video and @ay<="2002" and aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:08
S21	0	(hdv near data) and video and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:08
S22	4372	(metadata) and video and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:08
S23	72	(metadata) and video and @ay<="2002" and aperture and focal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:08
S24	68	(metadata) and video and @ay<="2002" and aperture and focal length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 16:08

S25	64	("4264928"   "4400724"   "4494144"   "4961211"   "4965819"   "4975960"   "5012522"   "5034986"   "5206721"   "5280530"   "5323470"   "5335011"   "5340309"   "5347306"   "5355163"   "5416513"   "5430809"   "5432864"   "5473369"   "5497430"   "5500671"   "5512939"   "5546125"   "5550754"   "5550928"   "5552823"   "5561718"   "5574498"   "5631697"   "5686957"   "5715325"   "5742329"   "5778082"   "5852669"   "5940118"   "6188777"). FN. OR ("6593956"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 16:14
S26	54	S25 and (metadata or data)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 16:42
S27	8	S25 and ((metadata or data) with (zoom or aperture or lens))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 16:45
S28	0	S25 and ((metadata) with (zoom or aperture or lens))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 16:57
S29	59	face detect\$4 and ((metadata) with (zoom or aperture or lens))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:04
S30	9	face detect\$4 and ((metadata) with (zoom or aperture or lens)) and &@ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:04
S31	18	face near3 detect\$4 and ((metadata) with (zoom or aperture or lens)) and &@ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:07
S32	9	S31 not S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:07
S33	9	S31 not S30	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:07
S34	34	"5648816"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:10

S35	37	("5049911"   "5111299"   "5231501"   "5262868"   "5341489"   "5477264"). PN. OR ("5648816"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:10
S36	0	S35 and @ay<="2002" and (face near5 detect\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:10
S37	0	S35 and @ay<="2002" and (face near5 recogni \$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/16 17:11
S39	19	(US-20040101212-\$ or US- 20040101178-\$ or US- 20030165270-\$ or US- 20030158855-\$ or US- 20080316327-\$ or US- 20030095711-\$ or US- 20040001631-\$ or US- 20030128389-\$ or US- 20010019657-\$).did. or (US-7298930-\$ or US- 6774917-\$ or US- 6404925-\$ or US- 5812193-\$ or US- 7606397-\$ or US- 7536029-\$ or US- 6686970-\$ or US- 6567980-\$ or US- 6799180-\$).did. or (US- 20020031262-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/12/16 17:28
S40	3	S39 and meta data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:29
S41	17	S39 and (meta data or metadata)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:29
S42	16	S39 and (meta data or metadata) and (face or facial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:32
S43	11	S39 and (meta data or metadata) same (face or facial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:34

S44	1	"6593956" and (meta data or metadata) same (face or facial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:49
S45	2	"20010043727"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 17:59
S46	2	09/079840	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 18:11
S47	0	wireless network and @ay< -1992	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:10
S48	92	wireless network and @ay< = "1992"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:10
S49	1	wireless networking and @ay< = "1992"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:11
S50	2	S48 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:11
S51	14	wireless network and @ay< = "1992" and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:14

S52	10013	wireless network and @ay<="2002" and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:14
S53	2586	wireless network and @ay<="2002" and video and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:15
S54	729	wireless network and @ay<="2002" and video conferencing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:15
S55	180	wireless network and @ay<="2002" and video conferencing and camera and follow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:15
S56	12	S39 and cameras!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/16 21:47
S57	2	10/012096	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 16:19
S58	21	camera and (face near3 (recogni\$5 or detect\$4)) and (crop with face) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 16:30
S59	9	camera and (face near3 (recogni\$5 or detect\$4)) and (crop with face) and @ay<="2002" and conferenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 16:52

S60	32	camera and (face near3 (recogni\$5 or detect\$4)) and (crop\$3 with face) and @ay<="2002" and conferenc\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 16:53
S61	5	("5434617"   "6091777"   "6297846").PN. OR ("6680745").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/17 17:08
S62	4	S61 and (compress\$3 or bandwidth)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/17 17:10
S63	4	S61 and (compress\$3 or bandwidth or bit rate or bitrate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/17 17:10
S64	289	foreground with background with (compress\$3 or bandwidth or bit rate or bitrate) and @ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/17 17:11
S65	49	foreground with background with (compress\$3 or bandwidth or bit rate or bitrate) and @ay<="2002" and face	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/17 17:11
S66	22	(US-20040101212-\$ or US-20040101178-\$ or US-20030165270-\$ or US-20030158855-\$ or US-20080316327-\$ or US-20030095711-\$ or US-20040001631-\$ or US-20030128389-\$ or US-20010019657-\$ or US-20020113862-\$ or US-20030035479-\$).did. or (US-7298930-\$ or US-6774917-\$ or US-6404925-\$ or US-5812193-\$ or US-7606397-\$ or US-7536029-\$ or US-6686970-\$ or US-6567980-\$ or US-6799180-\$ or US-6297846-\$).did. or (US-20020031262-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2009/12/17 17:36



S67	20	S66 and control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 17:38
S68	7	S66 and user control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 17:41
S69	7	user control and ((clip\$4 or crop\$4) with face) and conferenc\$4 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/17 17:46
S70	28	("5488675"   "5530771"   "5737011"   "5742329"   "5790695"   "5815199"   "5835641"   "5999214"). PN. OR ("6297846"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/17 17:48
S71	395	distance with (determin\$4 or measur\$3) with focus with zoom and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/14 14:14
S72	373	distance with (determin\$4 or measur\$3) with focus with zoom and @ay<="2002" and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/14 14:14
S73	1	10/537275	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/14 14:15
S74	7	("6509926"   "6727938"   "6744461"   "7161615"). PN. OR ("7218342"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:17
S75	2	S74 and distance	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:18
S76	80	zoom with curve with distance and @ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:19

S77	0	lens focus with metadata and @ay<="2002" and "348".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:23
S78	9	focus with metadata and @ay<="2002" and "348".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:23
S79	78	focus with metadata and @ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:23
S80	5	lens with focus with metadata and @ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:24
S81	1	"20030030797"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:30
S82	2	"20030030737"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/14 14:31
S83	1	10/897323	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/18 15:06
S84	1	11/897323	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/18 15:06
S85	35	(focus with zoom) same face size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/04 14:57
S86	1	(focus with zoom) same face size and @ad<"20021129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/04 14:58
S87	1058	face size and @ad<"20021129"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/04 14:58
S88	72	face size and @ad<"20021129" and "348".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/04 14:59
S89	2	"20080273110"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/04 15:22

S90	1	"7917935"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/07 10:12
S91	28	("20010007472"   "20020113862"   "20020140308"   "20030133599"   "20030163289"   "20050057656"   "20050168574"   "4348097"   "5057859"   "5239330"   "5298933"   "5334917"   "5389967"   "5572317"   "5598209"   "5614982"   "5627616"   "5652928"   "5754225"   "5802412"   "5864363"   "5893651"   "6297846"   "6593956"   "6606458"   "6680745"   "6879709"   "7473040").PN. OR ("7917935").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/07 10:12
S92	1	"20020080998"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/07 10:15
S93	1	"20060170791"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/07 10:31
S94	4361	(lens and ((zoom or scale or angle) and (focus or focal))) and (detect\$5 near (face or person or head or human)) and (candidate or window or zone or template or ((area or region) near3 interest))	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/07 10:52
S95	552	(lens and ((zoom or scale or angle) and (focus or focal))) and (detect\$5 near3 (face or person or head or human)) and (candidate or window or zone or template or ((area or region) near3 interest)) and ("348" or "382").clas. and @ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/07 10:52

S96	77	(lens and ((zoom or scale or angle) and (focus or focal))) same3 (detect\$5 near3 (face or person or head or human)) and (candidate or window or zone or template or ((area or region) near3 interest)) and ("348" or "382").clas. and @ay<="2002"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/07 10:52
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